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**From:** Andy Van Wyk <[avanwyk@civiresources.com](mailto:avanwyk@civiresources.com)>  
**Sent:** Monday, June 5, 2023 8:09 AM  
**To:** Kamrin Stiver <[kstiver@civiresources.com](mailto:kstiver@civiresources.com)>  
**Subject:** FW: Cosslett East 1N-22H-H168 (API #05-123-51940) - Open Hole Sidetrack

Good Morning!

Hope you had a great weekend. Hopefully Larry let you know about our sidetrack over the weekend.

Please see Diana's comments about the sidetrack APD.

Thank you,

Andy

**Andy Van Wyk**

Drilling Manager

Direct 303-312-8110 | Cell 720-951-2800

555 17<sup>th</sup> St. | Suite 3600 | Denver, CO | 80202

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**From:** Diana Burn - DNR <[diana.burn@state.co.us](mailto:diana.burn@state.co.us)>  
**Sent:** Sunday, June 4, 2023 1:16 PM  
**To:** Andy Van Wyk <[avanwyk@civiresources.com](mailto:avanwyk@civiresources.com)>  
**Cc:** Penny Garrison - DNR <[penny.garrison@state.co.us](mailto:penny.garrison@state.co.us)>; Curtis Haverkamp - DNR <[curtis.haverkamp@state.co.us](mailto:curtis.haverkamp@state.co.us)>;  
Missti Mason - DNR <[missti.mason@state.co.us](mailto:missti.mason@state.co.us)>  
**Subject:** RE: Cosslett East 1N-22H-H168 (API #05-123-51940) - Open Hole Sidetrack

Please proceed as proposed. Once APD is submitted, please contact Missti Mason with the Doc. #.

Thanks,  
Diana

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**From:** Andy Van Wyk <[avanwyk@civiresources.com](mailto:avanwyk@civiresources.com)>  
**Sent:** Friday, June 2, 2023 6:56 PM

To: Diana Burn - DNR <[diana.burn@state.co.us](mailto:diana.burn@state.co.us)>

Subject: Cosslett East 1N-22H-H168 (API #05-123-51940) - Open Hole Sidetrack

Hi Diana,

As we discussed on the phone earlier this afternoon, while drilling in the lateral section of our Cosslett East 1N-22H-H168 well, we were having difficulty steering the well and were becoming extremely close to drilling across a setback line to the east of our well. As we attempted to correct back to plan, we identified that we would likely drill past the setback line and potentially remain past the setback line for a significant portion of the remaining lateral to be drilled.

With your permission, we plan to drill an open hole sidetrack to drill a new lateral section with the intent to successfully drill the remaining lateral and remain in compliance with the setback line. We intend to start the sidetrack at a MD of 12,450'.

If you could please provide your approval to this plan, I would greatly appreciate it.

**Explanation of the situation that has resulted in the need to sidetrack:** While drilling in the lateral section of our Cosslett East 1N-22H-H168 well, we were having difficulty steering the well and were becoming extremely close to drilling across a setback line to the east of our well. As we attempted to correct back to plan, we identified that we would likely drill past the setback line and potentially remain past the setback line for a significant portion of the remaining lateral to be drilled.

**Total measured depth reached in the wellbore being plugged back:** 18,436' MD

**Casing set – size(s) and measured depth(s):**

13-3/8" 54.5# Conductor Casing, Set at 589'

9-5/8" 36# Surface Casing, Set at 2,818'

**Description of fish in the hole (if any) – including top and bottom measured depths:** None

**Description of proposed plugs: setting measured depths, heights, and cement volumes:** None

**Type of cement to be used for all plugs, including slurry weight (ppg) and yield (cf/sk):** None

**Measured depth of proposed sidetrack kick-off point:** 12,450' MD

**Proposed objective formation(s) for sidetrack hole:** Codell

**BHL target for sidetrack hole:** Same BHL target as original wellbore.

Thank you,

Andy

**Andy Van Wyk**

Drilling Manager

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